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FOUO-6061360

Figure 1

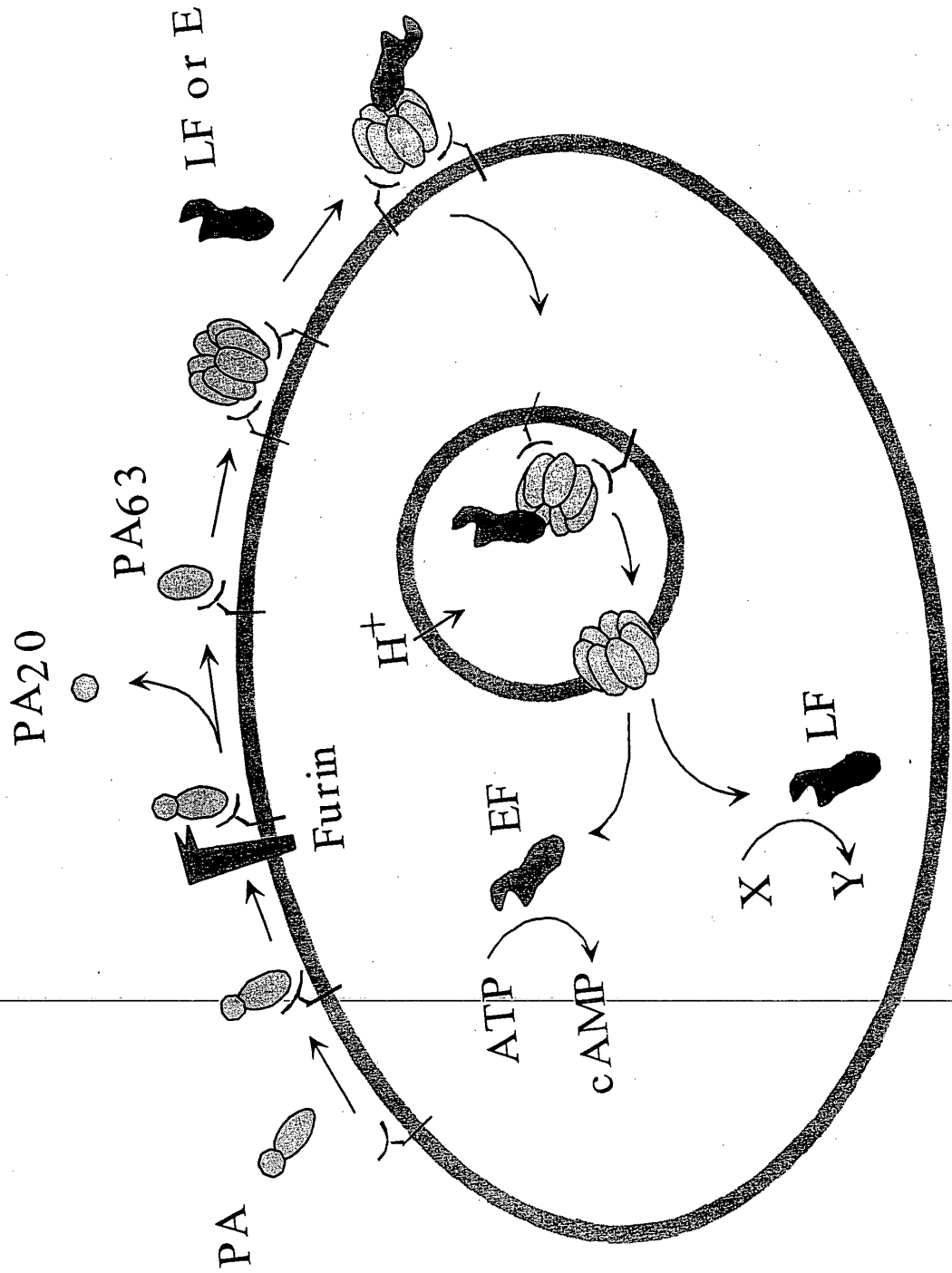


Figure 2A

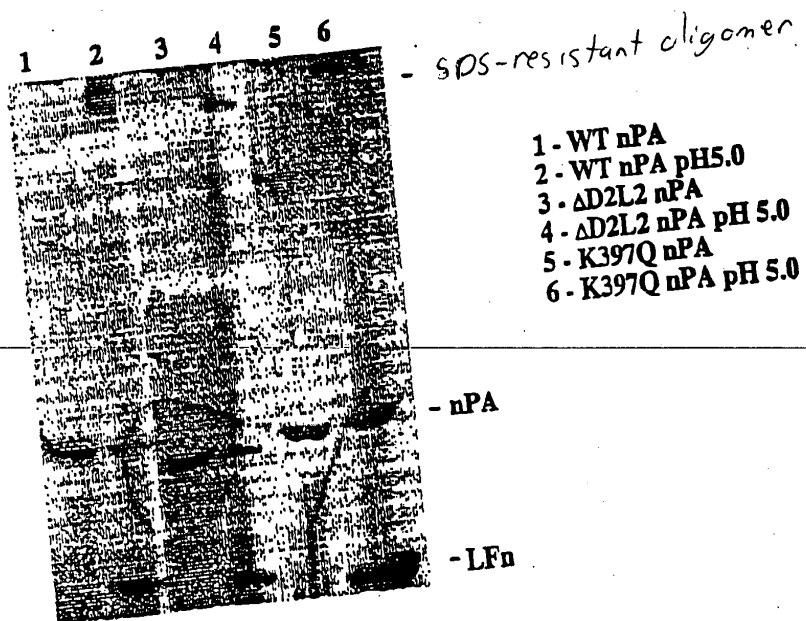
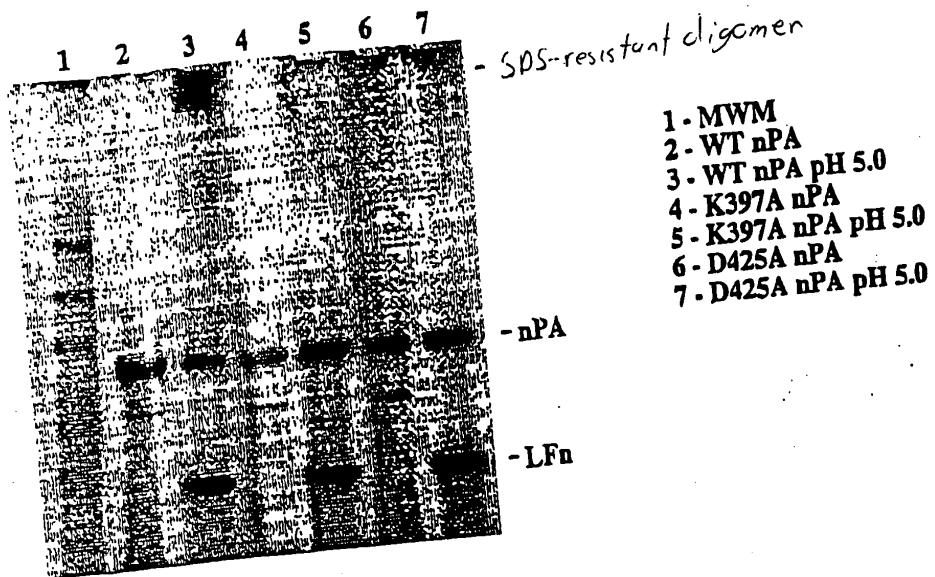
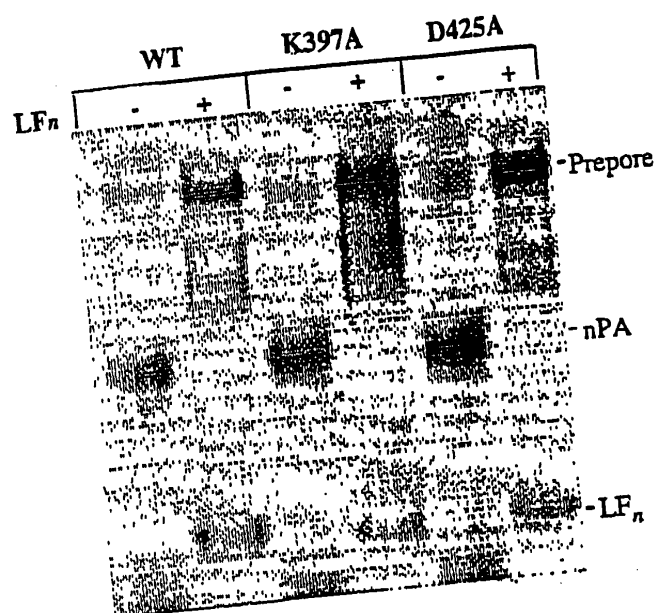


Figure 2B



134950-0061560

Figure 3

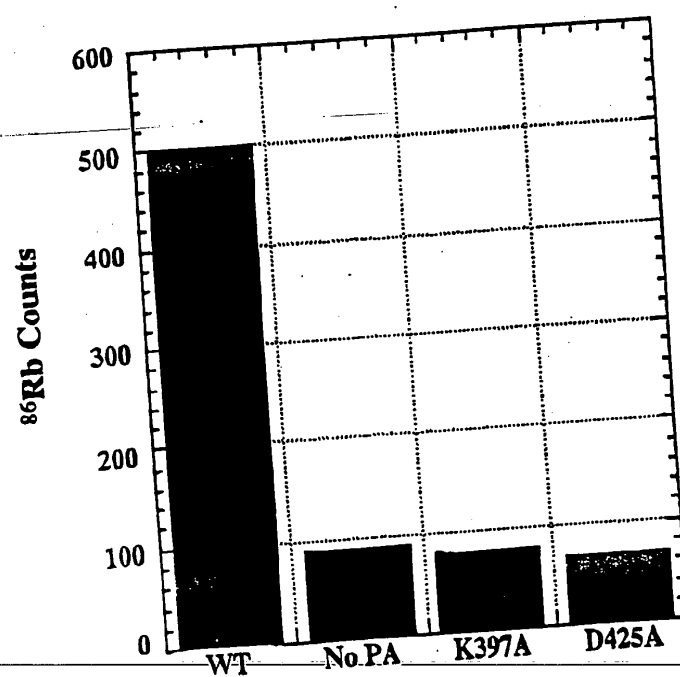
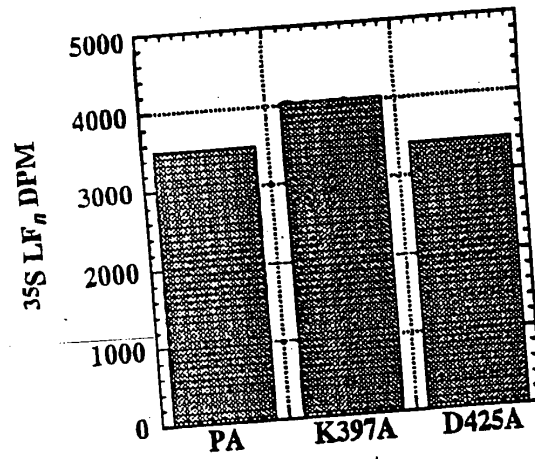


Figure 4

A.

PA Dependent Binding to Cells



B.

PA Dependent Translocation into Cells

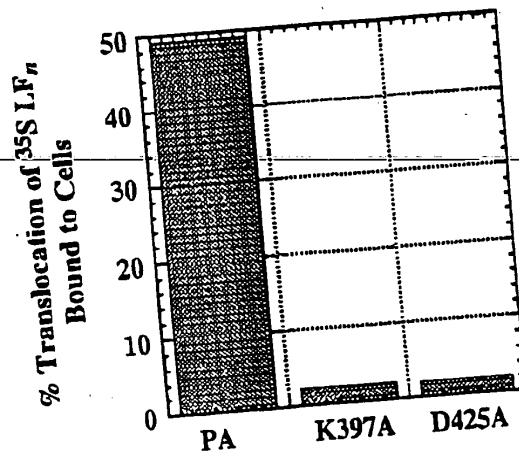


Figure 5.

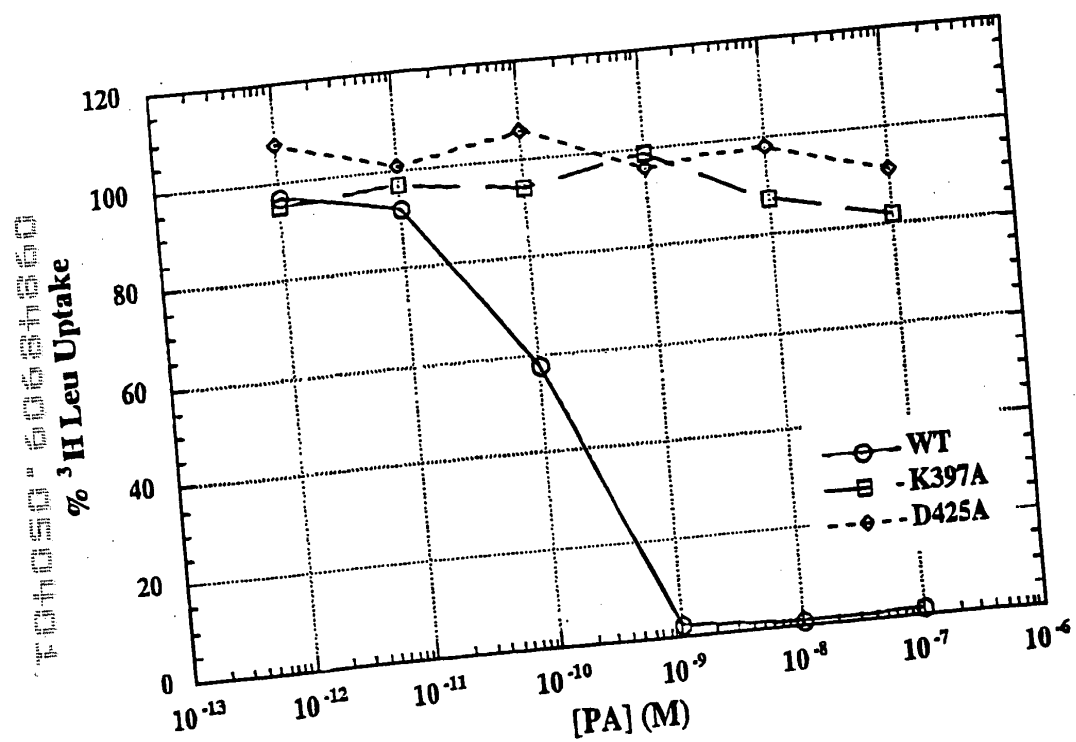
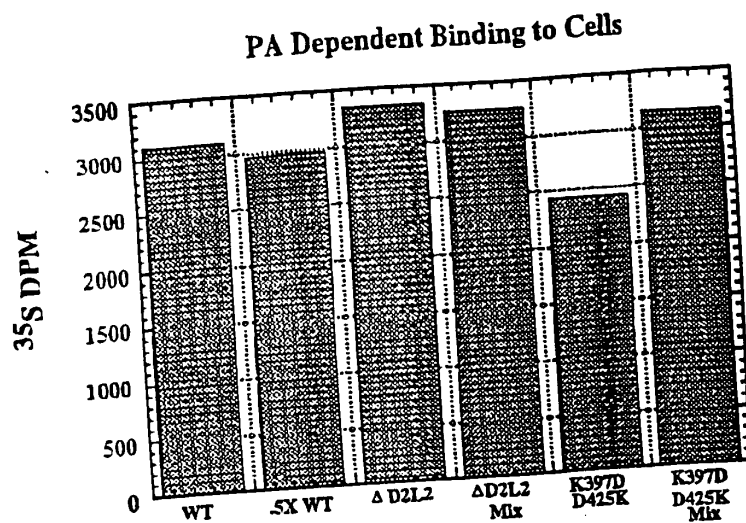


Figure 6

A



B

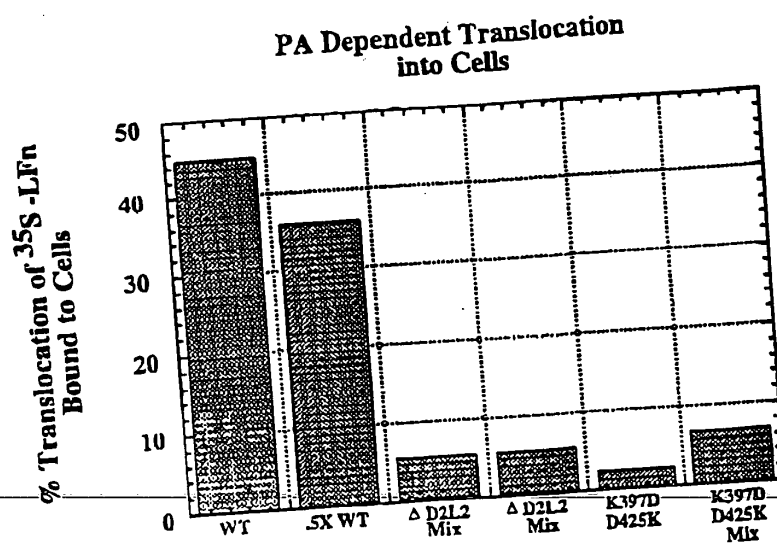


Figure 7

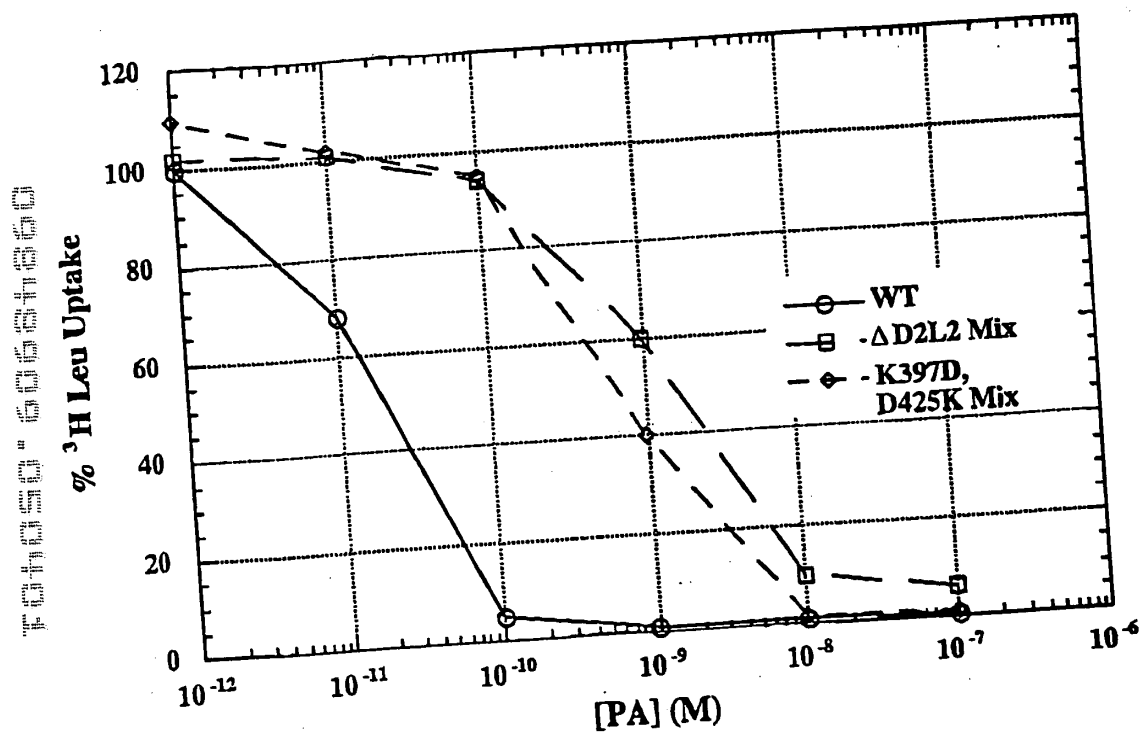
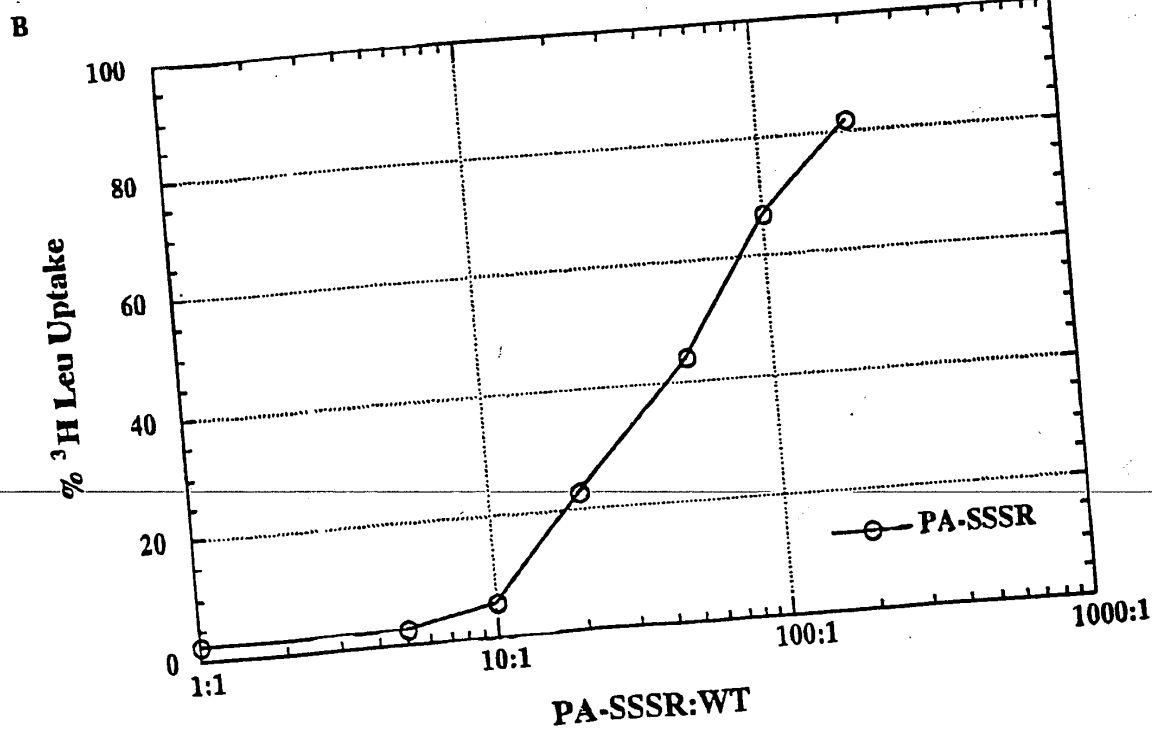
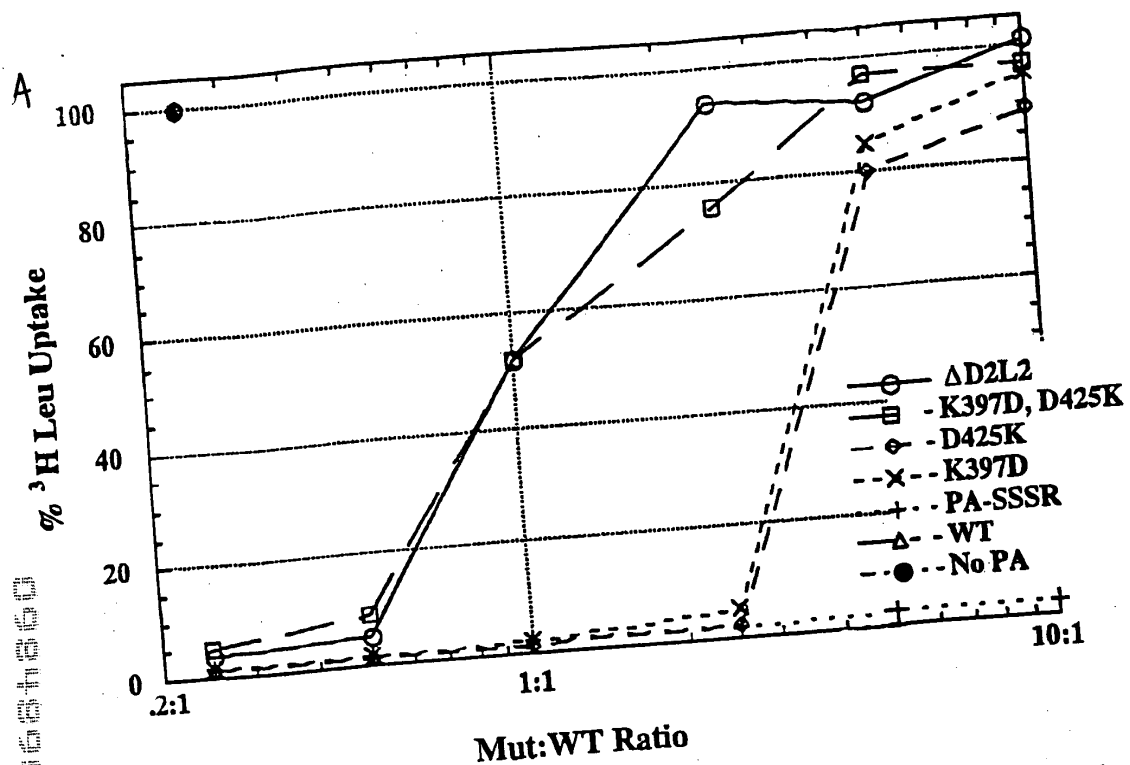


Figure 8



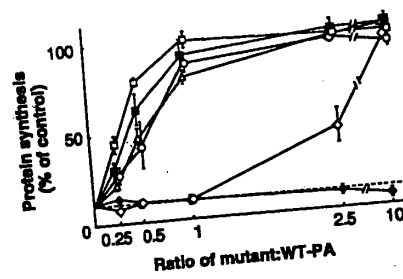


Figure 10

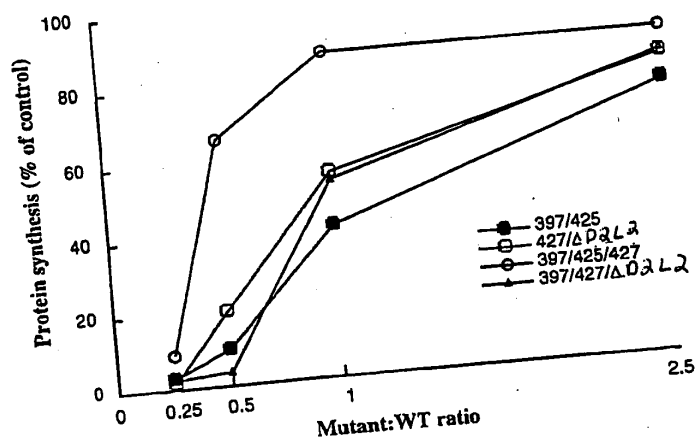
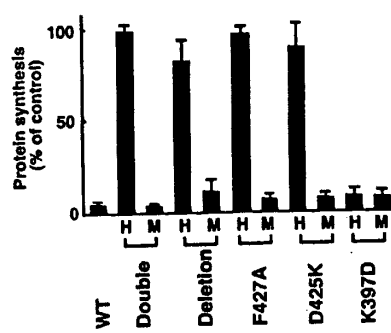


Figure 11



Protein synthesis (% of control)

Figure 12

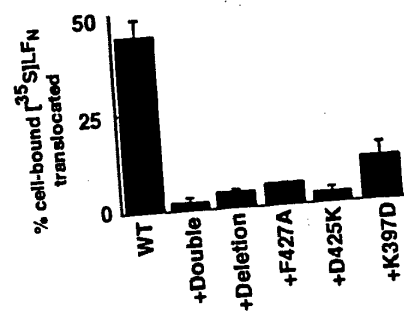


Figure 12

SECRET

Figure 13: SEQ ID No.: 21

EVKQENRLLNESESSSQGLGYFFSDLNFQAPMVVTSSTTGDLSIPSSSELENIPSEN
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TSADNHVTMWVDDQEVINKASNSNKIRLEKGRLYQIKIQYQRENPTTEKGLDFKL
YWTDSQNKKEVISSDNLQLPELKQKS
SNSRKKRSTSAGPTVPDRDNDGIPDSLEVEGYTVDVKNKRTFLSPWISNIHEKKG
LTKEYKSPEKWSTASDPYSDFEKT
GRIDKNVSPEARHPLVAAYPVHVDMENILSKNEDQSTQNTDSETRTISKNTSTS
RTHTSEVHGNAEVHASFFDIGGSV
SAGFSNSNSSTVAIDHSLSLAGERTWAETMGLNTADTARLNANRYVNTGTAPIY
NVLPPTTSLVLGKNQTLATIKAKENQ
LSQILAPNNYPSKNLAPIALNAQDDFSSPTITMNNYNQFLELEKTKQLRLDTDQV
YGNIAATYNFENGVRVVDGTGSNWSEV
LPQIQETTARIIFNGKDLNLVERRIAAVNPSPDPLETTKPDMTLKEALKIAFGFNPNP
GNLQYQGGKDITEFDNFNDQQTSQ
NIKNQLAELNATNIYTVLDKIKLNAKMNILRDKRFHYDRNNIAVGADSVVKEA
HREVINSSTEGLLLNIDKDIRKILS
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NVYAVTKENTIINPSENGDTSTNG
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Figure 14

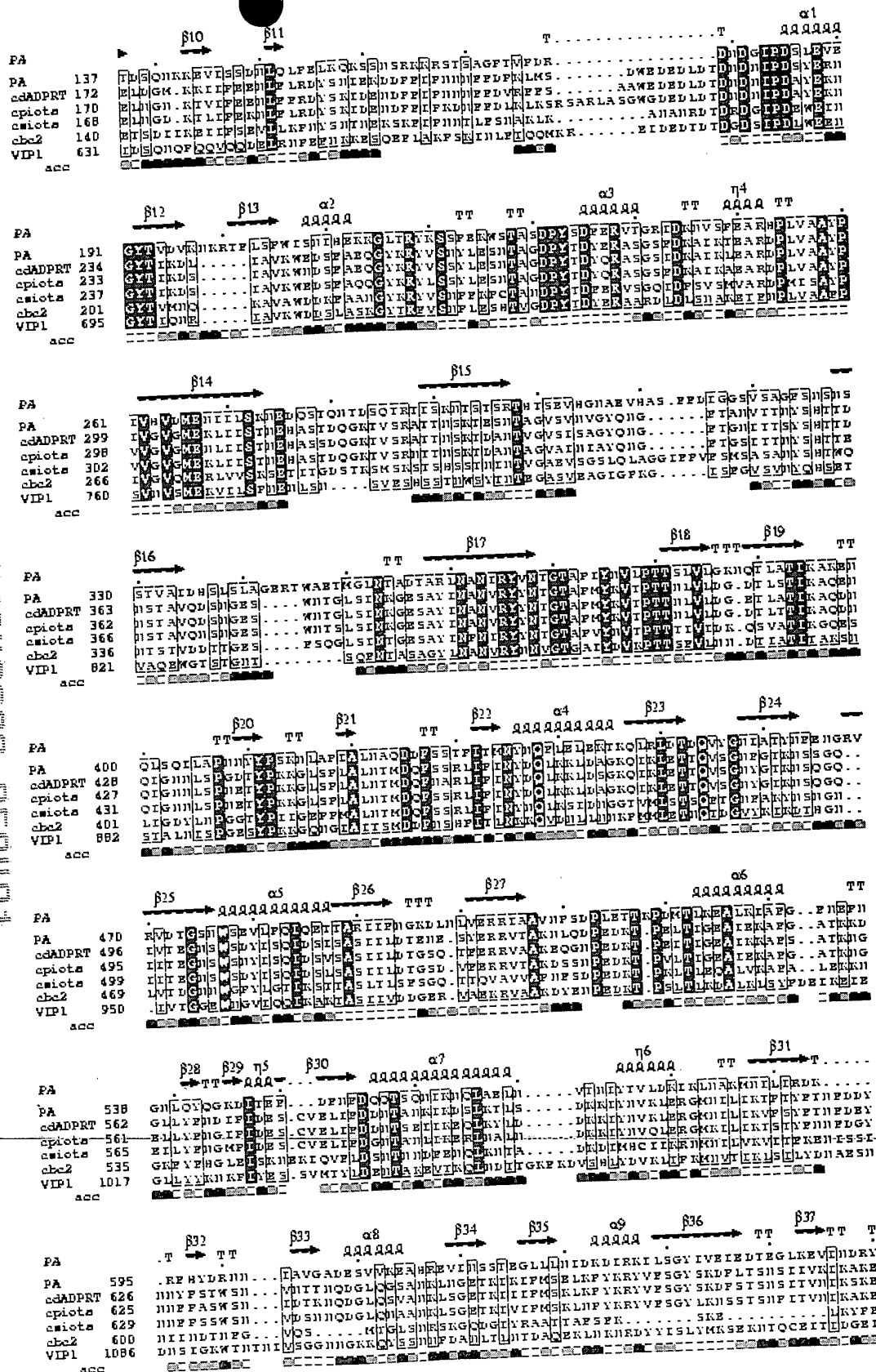
Figure 14: SEQ ID No.: 22

GAAGTTAAACAGGAGAACCGGTTATTAATGAATCAGAATCAAGTTCCCAGG
GGTTACTAGGATACTATTTTAGTGATT
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CATCGGAAAACCAATATTTTCAATCTGCTATTTGGTCAGGATTTATCAAAGTT
AAGAAGAGTGATGAATATACATTTGCT
ACTTCCGCTGATAATCATGTAACAATGTGGGTAGATGACCAAGAAGTGATTA
ATAAAGCTTCTAATTCTAACAAAATCAG
ATTAGAAAAAGGAAGATTATATCAAATAAAAAATTCAATATCAACGAGAAAAAT
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ACAATTGCCAGAATTAACAAAATCT
TCGAACTCAAGAAAAAGCGAAGTACAAGTGCTGGACCTACGGTTCCAGACC
GTGACAATGATGGAATCCCTGATTCATT
AGAGGTAGAAGGATATACGGTTGATGTCAAAAATAAAAGAACTTTTCTTTCA
CCATGGATTTCTAATATTCATGAAAAGA
AAGGATTAACCAAATATAAATCATCTCCTGAAAAATGGAGCACGGCTTCTGA
TCCGTACAGTGATTTGAAAAGGTTACA
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GAGAATGGGGATACTAGTACCAACGGG
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Figure 15



SECRET

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αADPAP      721    . . . . . I K K L F S K G V T P S . . .
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cslota      832    N O P K T N Y I I E R S Y T I S G E N I M T X K L R I N A V T F D D R E L L V L S V N
cslote      836    N O P K T N Y V I E R S Y T I S G E N I M P Y K L R A I T F E N K E L L V L S I N
cba2        708    . . . . . L S G V E L I E L L K L L I . . .
VDF1       1296    F D F I K Y S K N I E Q G L E Y S G L I N F K I N A I T Y D G K E Q M V F H R Y N K .
          acg     - - - c g e e e e e e c g -
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PA
cdADPRT
apiots
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MRRMEGR LFMVSRKRLQVVTKT VLLSTVF SI SLNHEVIKAEQLNINSQ SKYTLNLQNLRTD KVEDF KEELR

PA
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csiots
cbc2
VIP1

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VIP1

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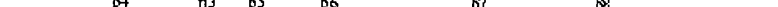
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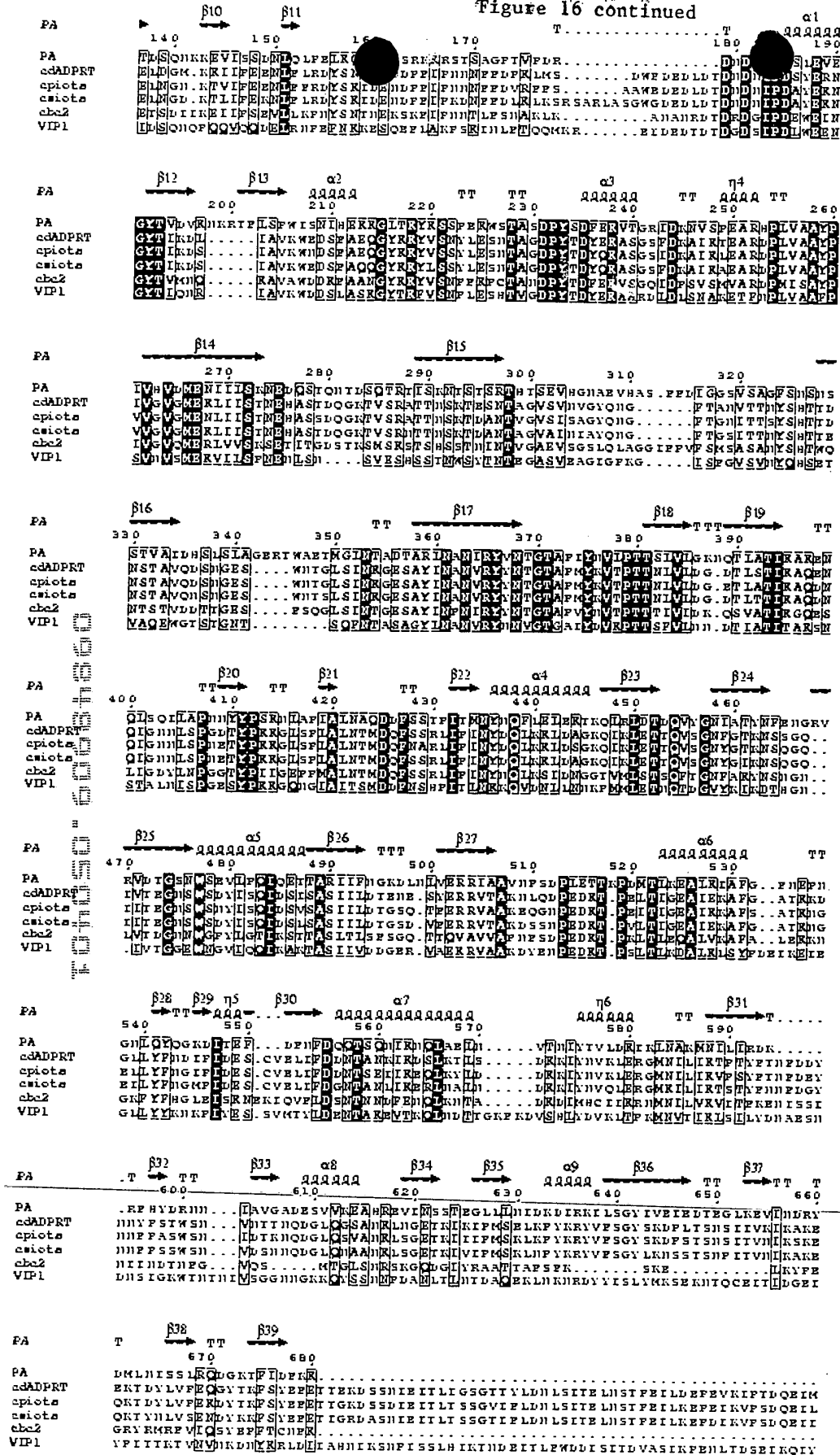
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FA 

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PA TT β40 η? TT
690 700 710 720
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 cdADPRT DANKIYFADLHPHPSITGHTYID...APTQTHKEALDYIQRYRVEATLOYSGFIDIGTKDKERINYLGDP
 cpiota DANKIYFADLKLITITGHTYID...EPTQTHKEALDYIQRYRVEATLOYSGFIDIGTKDKERINYLGDP
 csiota DANKIYFADLSEHQSITANYLDGLYEPTQTHKEALDYIQRYRVEATLOYSGFIDIGTKDKERINYLGDP
 abc2LEHMLTYSSSDKGYDEFFY.....FYINGSSPFIISCIINSINR.
 VIP1 SRYGIRLELDGILIDKGGGTHYGEFIDEASFNIFFLQHYVTKYEVTYSSSELGFNMSDTLESDRIYKDGITK

PA β41 α10
730 740
 PAIKKILDESKRGYETG.....
 cdADPRT HQPKINYVHLRSYFTGGEDIMTYKKLRITAYTFDDRELLVLSDV
 cpiota HQPKINYINFSYFTTSGEDIMTYKKLRITAYTFDDRELLVLSDV
 csiota HQPKINYVHRSYFTTSGEDIMTYKKLRITAYTFDDRELLVLSDV
 abc2LSGVETLELDKLLIT.....
 VIP1 FDETKYSKNEQGLFIDSGLDKDERINATYDGKEKIVFRRYK.

Figure 16 continued

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